

METHODS AND APPARATUS FOR MULTICASTING CONTENT

ABSTRACT OF THE DISCLOSURE

5 A transmitter device of the content distribution system transmits content portions of a content message to a receiver device using respective multicast channels within a network. In such an arrangement, by using multiple multicast channels for transmission of the content portions forming the content message, the transmitter device limits the ability for an unauthorized user, monitoring a particular multicast channel, to
10 distinguishing the content portions from noise or to retrieve the complete content message from the transmitter device, thereby providing security to the content message. Furthermore, the content distribution system utilizes multicast channels within a network to deliver the content portions to all receiver devices in communication with the network, thereby minimizing the power requirements needed by the transmitter
15 device to deliver the content portions to a receiver device farthest from the transmitter device.

